

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	09/502,812
	Filing Date	2/9/2000
	First Named Inventor:	Bert D. Cook, Jr.
	Examiner: Daniel I. Walsh	GROUP: 2876
Sheet 1 of 6	Attorney Docket Number	ULT-001-1P

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>Dr</i>	A01	US-1,756,547	04/1930	Hansen	
	A02	US-3,838,252	09/1974	Hynes et al.	
	A03	US-3,864,755	02/1975	Hargis	
	A04	US-4,058,839	11/1977	Darjany	
	A05	US-4,100,689	07/1978	Broune	
	A06	US-4,209,811	06/1980	Blazevic	
	A07	US-4,302,523	11/1981	Audran et al.	
	A08	US-4,403,138	09/1983	Battarel et al.	
	A09	US-4,518,627	05/1985	Foley et al.	
	A10	US-4,581,523	04/1986	Okuno	
	A11	US-4,592,042	05/1986	Lemelson et al.	
	A12	US-4,659,915	04/1987	Flies	
	A13	US-4,672,182	06/1987	Hirokawa	
	A14	US-4,683,371	07/1987	Drexler	

FOREIGN PATENT DOCUMENTS

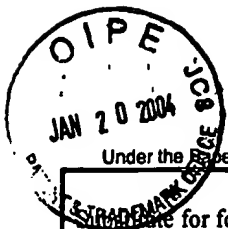
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER SIGNATURE: <i>D. I. Walsh</i>	DATE CONSIDERED: <i>9-4-09</i>
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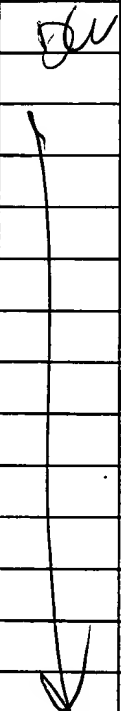
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Sheet 2 of 6	Attorney Docket Number	ULT-001-1P

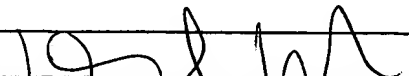
U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f/known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	A15	US-4,707,593	11/1987	Murata et al.	
	A16	US-4,718,697	01/1988	Berardus van Amelsfort	
	A17	US-4,731,645	03/1988	Parmentier et al.	
	A18	US-4,754,128	06/1988	Takeda et al.	
	A19	US-4,756,967	07/1988	Hashimoto et al.	
	A20	US-4,812,633	03/1989	Vogelgesang	
	A21	US-4,826,772	05/1989	Meathrel	
	A22	US-4,868,373	09/1989	Opheij et al.	
	A23	US-4,889,755	12/1989	Charbonneau	
	A24	US-4,897,533	01/1990	Lyszczarz	
	A25	US-4,998,009	03/1991	Lijima et al.	
	A26	US-5,099,111	03/1992	Takakura et al.	
A27	US-5,107,099	04/1992	Smith		
A28	US-5,172,282	12/1992	Ghose		

FOREIGN PATENT DOCUMENTS

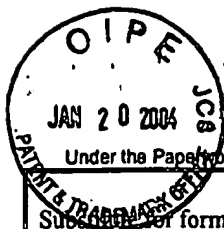
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Substitute form 1449A/PTO

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Examiner: Daniel I. Walsh	GROUP: 2876

Sheet	3	of	6	Attorney Docket Number	ULT-001-1P
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DA	A29	US-5,206,494	04/1993	Metzger	
	A30	US-5,227,212	07/1993	Ahlert et al.	
	A31	US-5,236,791	08/1993	Yahisa et al.	
	A32	US-5,492,745	02/1996	Yokoyama	
	A33	US-5,626,970	05/1997	Hedgcoth	
	A34	US-5,696,369	12/1997	Watanabe	
	A35	US-5,756,220	05/1998	Hoshino et al.	
	A36	US-5,801,368	09/1998	Hayashi et al.	
	A37	US-5,928,759	07/1999	Arita et al.	
	A38	US-5,939,202	08/1999	Ataka et al.	
	A39	US-5,979,774	11/1999	Urushibata	
	A40	US-5,997,042	12/1999	Blank	
	A41	US-6,080,476	06/2000	Kanbe et al.	
	A42	US-6,116,655	09/2000	Thouin et al.	

FOREIGN PATENT DOCUMENTS

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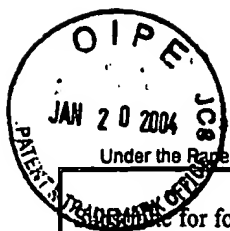
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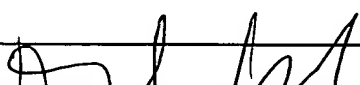
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DW	A43	US-6,186,398		02/2001	Kato et al.	
	A44	US-6,196,047		03/2001	Carnegie et al.	
	A45	US-6,221,508		04/2001	Kanbe et al.	
	A46	US-6,238,809		05/2001	Wu et al.	
	A47	US-6,268,919		07/2001	Meeks et al.	
	A48	US-6,301,068		10/2001	Ionescu	
	A49	US-6,311,893		11/2001	Liu et al.	
	A50	US-6,378,037		04/2002	Hall	
	A51	US-D264,853		06/1982	Scavino et al.	
	A52	US-D293,694		01/1988	Alden et al.	
	A53	US-D305,887		02/1990	Nishimura	
	A54	US-D328,457		08/1992	Matsuzaka	
A55	US-D410,769		06/1999	Dorizas		
A56	US-D425,876		05/2000	Maiers et al.		

FOREIGN PATENT DOCUMENTS

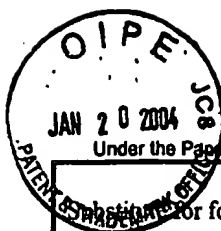
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DC	A57	US-D429,733	08/2000	Jones et al.	
	A58	US-D436,991	01/2001	Morgante	
	A59	US-D447,146	08/2001	Myers	
	A60	US-D448,776	10/2001	Weng et al.	
	A61	US-5,041,922	08/20/1991	Wood et al.	
	A62	US-5,055,155	10/08/1991	Crotty et al.	
	A63	US-5,101,097	03/31/1992	Conant	
	A64	US-5,147,732	09/15/1992	Shiroishi et al.	
	A65	US-5,180,640	01/19/1993	Yamashita et al.	
	A66	US-5,191,198	03/02/1993	Do	
	A67	US-5,204,513	04/20/1993	Steele	
	A68	US-5,206,489	04/27/1993	Warwick	

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	A69	FR 2505523	12/11/1982	Widmer MJF		

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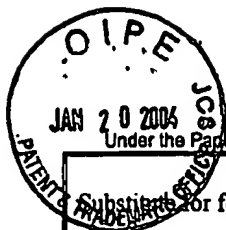
Bhushan, Bharat, <i>Tribology and Mechanics of Magnetic Storage Devices</i> , New York: Springer-Verlag, pp. 599, 629-638

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	A70	US-5,217,056	06/08/1993	Ritter	
	A71	US-5,221,838	06/22/1993	Gutman et al.	
	A72	US-5,254,843	10/19/1993	Hynes et al.	
	A73	US-5,270,523	12/14/1993	Chang et al.	
	A74	US-5,286,958	02/15/1994	Smeets	
	A75	US-5,288,942	02/22/1994	Godfrey	
	A76	US-5,880,454	03/09/1999	Monicault	
	A77	US-5,621,583	04/15/1997	Parks et al.	
	A78	US-5,739,975	04/14/1998	Parks et al.	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		09/502,812		
				Filing Date		2/9/2000		
				First Named Inventor:		Bert D. Cook, Jr.		
				Examiner: Daniel I. Walsh		GROUP: 2876		
Sheet	1	of	1	Attorney Docket Number		ULT-001-1P		
U.S. PATENT DOCUMENTS								
Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f known)}		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear		
DL	A01	US-4,006,507		02/1977	Yoshida			
	A02	US-5,638,345		06/1997	Hosoya			
	A03	US-5,689,105		11/1997	Mizoguchi et al.			
	A04	US-5,808,981		09/1998	Suzuki			
	A05	US-6,430,114	B1	08/2002	Wang et al.			
	A06	US-6,677,105	B2	01/2004	Wang et al.			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ^{5 (f known)}			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
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